

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	391	"271"/\$.ccls. bevel	US-PGPUB; USPAT; JPO	AND	ON	2007/01/12 07:47
L2	341	"271"/\$.ccls. bevel @py<"2003"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/12 07:48
L3	2	"271"/\$.ccls. "bevel drive gear" @py<"2003"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/12 07:48
S1	1	"20050179196"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 14:03
S2	851	271/226.ccls. or 271/227.ccls.	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 07:53
S3	750	S2 @py<"2004"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 07:53
S4	30	S3 suction with roller	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 09:36
S5	7	US-1728329-\$.DID. OR US-2167823-\$.DID. OR US-4184673-\$.DID. OR US-6446959-\$.DID. OR US-6505831-\$.DID.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/09 09:37
S6	4	"2735711"	DERWENT	AND	ON	2007/01/09 10:32
S7	4	"2717554"	DERWENT	AND	ON	2007/01/09 10:34
S8	8	"1110656"	DERWENT	AND	ON	2007/01/09 10:35
S9	1728	271/96.ccls. or 271/102.ccls. or 271/103.ccls. or 271/112.ccls. or 271/196.ccls. or 271/245.ccls. or 271/250.ccls. or 271/236.ccls.	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 10:47
S10	1642	S9 @py<"2004"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 10:47
S11	263	S10 (suction or vacuum) with roller	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 11:18
S12	32	S10 (suction or vacuum) adj roller	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 10:53
S13	6	"3007249"	DERWENT	AND	ON	2007/01/09 10:53

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S14	13	S10 (suction or vacuum) with roller with (pause or interrupt or break or gap or half)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 11:20
S15	14	"4184673"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 11:36
S16	143	271/102.ccls. @py<"2004"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 13:57
S17	16	S16 suction with roller	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 13:59
S18	167	271/96.ccls. @py<"2004"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 14:00
S19	27	S18 suction with roller	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 14:11
S20	5	("2167823").URPN.	USPAT	AND	ON	2007/01/09 14:04
S21	284	271/250.ccls. @py<"2004"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 14:11
S22	13	S21 suction with roller	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 14:46
S23	1	"7121545".pn.	US-PGPUB; USPAT; JPO	AND	ON	2007/01/09 14:46
S24	15	("3120180"   "3743277"   "4060237"   "4164349"   "4184673"   "4188027"   "4591143"   "4648589"   "4693463"   "5322012"   "5820123"   "6364311"   "6446959"   "6454256").PN. OR ("7121545").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:55
S25	743	271/250.ccls. or 271/248.ccls. or 271/249.ccls. or 271/236.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:20
S26	4	S25 "side pull lay"	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:29
S27	8	"271"/\$.ccls. "side pull lay"	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:30
S28	4	S27 not S26	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:52

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S29	8	S27 suct\$4	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:31
S30	2	S27 (suct\$4 with roller)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:31
S31	15	("3120180"   "3743277"   "4060237"   "4164349"   "4184673"   "4188027"   "4591143"   "4648589"   "4693463"   "5322012"   "5820123"   "6364311"   "6446959"   "6454256").PN. OR ("7121545"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:55
S32	3	S31 suct\$3 with roller	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:56
S33	13	S31 suct\$3	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:56
S34	10	S33 not S32	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/10 08:57
S35	1	"4615520".pn.	US-PGPUB; USPAT; JPO	AND	ON	2007/01/10 09:44
S36	1	"4743277".PN.	USPAT; USOCR	AND	ON	2007/01/10 09:47

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S37	50	(US-20050179196-\$).did. or (US-5419256-\$ or US-4615520-\$ or US-5895037-\$ or US-4588184-\$ or US-4269405-\$ or US-4436299-\$ or US-5699736-\$ or US-5265868-\$ or US-5464203-\$ or US-5685534-\$ or US-5984296-\$ or US-6155554-\$ or US-3893664-\$ or US-4276797-\$ or US-4564184-\$ or US-4991831-\$ or US-5415098-\$ or US-5611272-\$ or US-5838354-\$ or US-6042228-\$ or US-5505599-\$ or US-5700495-\$ or US-4495746-\$ or US-4505467-\$ or US-4865677-\$ or US-5785310-\$). did. or (US-6179550-\$ or US-6502815-\$ or US-5423255-\$ or US-5639082-\$ or US-4591143-\$ or US-5447300-\$ or US-5915682-\$ or US-6196435-\$ or US-4345752-\$ or US-5193794-\$ or US-5329852-\$ or US-RE35495-\$ or US-5624020-\$ or US-4164349-\$ or US-4071234-\$ or US-4257586-\$ or US-4265979-\$ or US-4283185-\$ or US-4330117-\$ or US-4380331-\$ or US-4380990-\$ or US-4494745-\$ or US-4542867-\$). did.	US-PGPUB; USPAT	AND	ON	2007/01/10 10:40
S38	43	"271"/\$.ccls. (spaced adj line)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:16
S39	1984	"271"/\$.ccls. (guide with line)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:17
S40	24	"271"/\$.ccls. (guide adj line)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:37
S41	1088	"271"/\$.ccls. (align\$4 with line)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:37
S42	1088	"271"/\$.ccls. (align\$4 with lines)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:38
S43	418	"271"/\$.ccls. (alignment with lines)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:38
S44	29	"271"/\$.ccls. (alignment adj lines)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:38
S45	525	271/248.ccls. or 271/249.ccls. or 271/250.ccls.	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:49

## EAST Search History

S46	2	S45 (two with suction with segment)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:50
S47	8	S45 (two adj suction)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:53
S48	1	"3942787".pn.	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:56
S49	1	"20020043758"	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:53
S50	3	"271"/\$.ccls. (suction adj segment)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:57
S51	986	"271"/\$.ccls. (two with suction)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 09:58
S52	17	"271"/\$.ccls. (two adj suction with hole)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 10:00
S53	164	"271"/\$.ccls. (suction adj roller)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 10:47
S54	0	"271"/\$.ccls. ((suction adj roller) with ((irregular or oblong or abnormal) adj roller))	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 10:14
S55	31	"271"/\$.ccls. (suction with hole with opposite)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/11 10:47
S56	0	("2004/0084837").URPN.	USPAT	AND	ON	2007/01/11 10:48
S57	31	("20020046667"   "20030189287"   "3986455"   "4127265"   "4145040"   "4202268"   "4202542"   "4204471"   "4334473"   "4437659"   "4440388"   "5172634"   "5183252"   "5241907"   "5291260"   "5329301"   "5383001"   "5456458"   "5480137"   "5480138"   "5542659"   "6038976"   "6209867"   "6450496"   "6454259"   "6561510"   "6578846"   "6581517"   "6659456"   "6722652"   "6896258").PN. OR ("7150456").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/11 10:49
S58	3	("4122773"   "4378734"   "5431386").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/11 10:52

## EAST Search History

S59	2	("4052054"   "4143755").PN. OR ("4430937").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/11 11:33
S60	2	"271"/\$.ccls. (tolerance adj strip)	US-PGPUB; USPAT; JPO	AND	ON	2007/01/12 07:47